



PATENT ABSTRACTS OF JAPAN

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G01N 9/00**(21) Application number: **09024709**(22) Date of filing: **07.02.97**(71) Applicant: **FUJI ELECTRIC CO LTD**(72) Inventor: **KAWAKAMI MASAKAZU
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OSAKABE MASAHIRO**(54) **VIBRATION TYPE MEASURING INSTRUMENT**

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a vibration type measuring instrument which accompanies no electrolytic corrosion at a part of a flange in touch with a liquid, and therefore is stable in quality, highly reliable, low in cost and easy to manufacture.

SOLUTION: An entrance conduit 11 is formed of a highly corrosion-resistive metal. A liquid contact member (disk) 14 formed of the same kind of metal as the entrance conduit 11 is welded to an end part of the entrance conduit 11, which covers a liquid touch face of a flange 9a. In this way, all liquid contact parts are hence constituted of the highly corrosion-resistive metal. The liquid contact member 14 is most effective when it is a circular thin plate. If a spot facing is formed to the flange 9a, it is effective to position the liquid contact member 14. Furthermore, bonding of the liquid contact member 14 and flange 9a is also effective.

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